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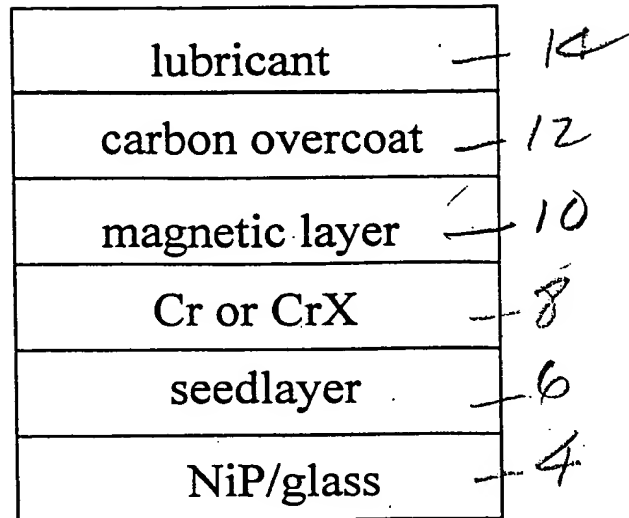


Figure 1. Schematic of a normal thin film disk construction.

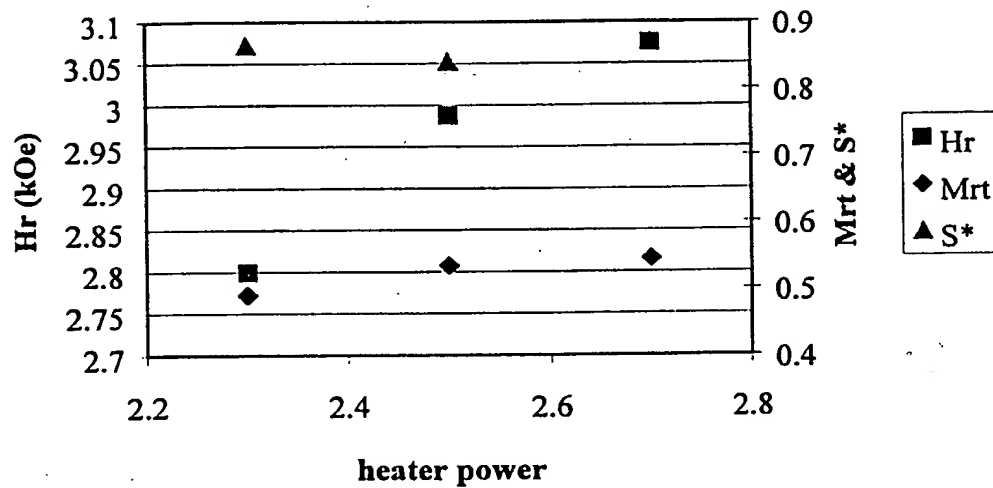


Figure 2a. Effect of Substrate Heater power on Hr, Mrt and S\*.

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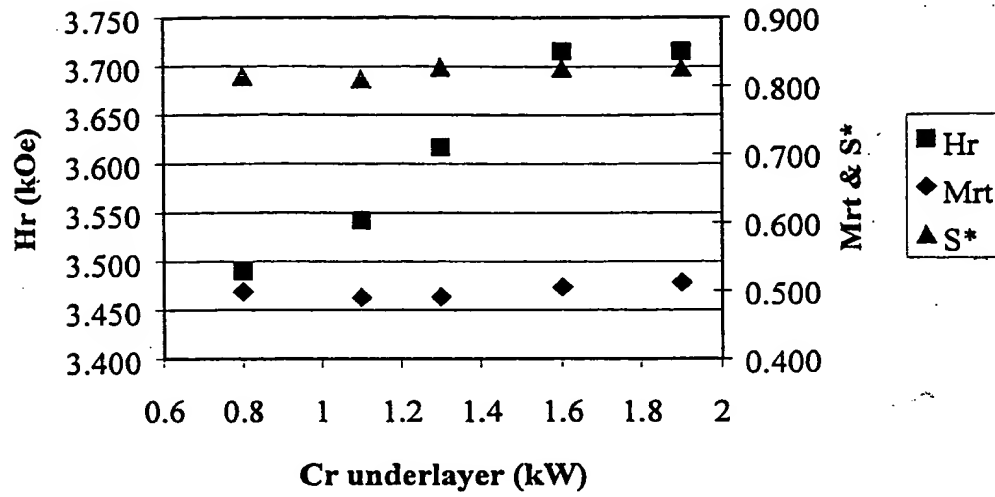


Figure 2b. Effect of Cr underlayer thickness on Hr, Mrt and S\*.

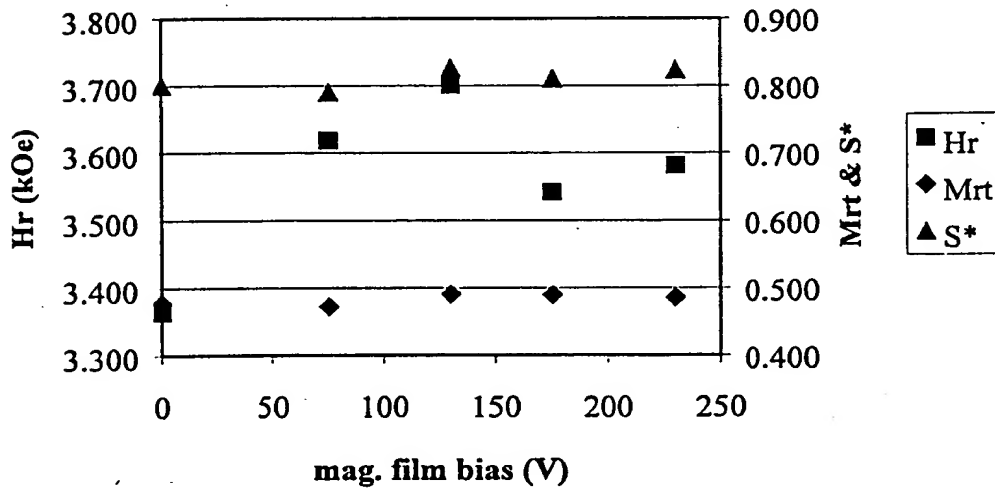


Figure 2c. Effect of magnetic film bias on Hr, Mrt and S\*.

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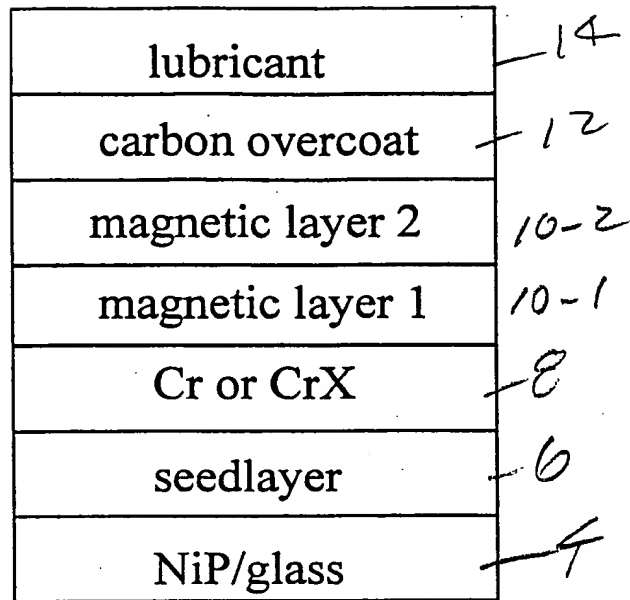


Figure 3. Schematic of a multi-magnetic layer thin film disk construction.

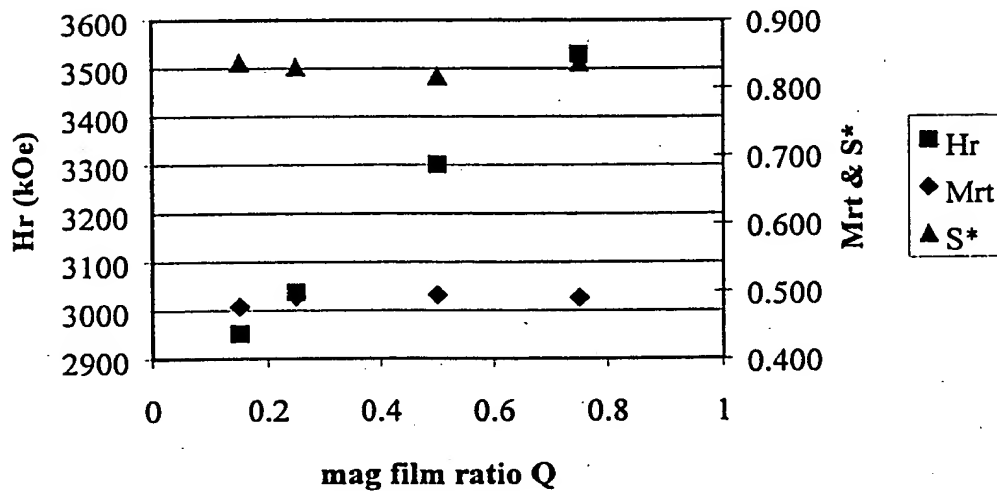


Figure 4. Effect of film fraction Q on Hr, Mrt and S\* of CoCrPtB/CoCrPtB multi-magnetic layer media.

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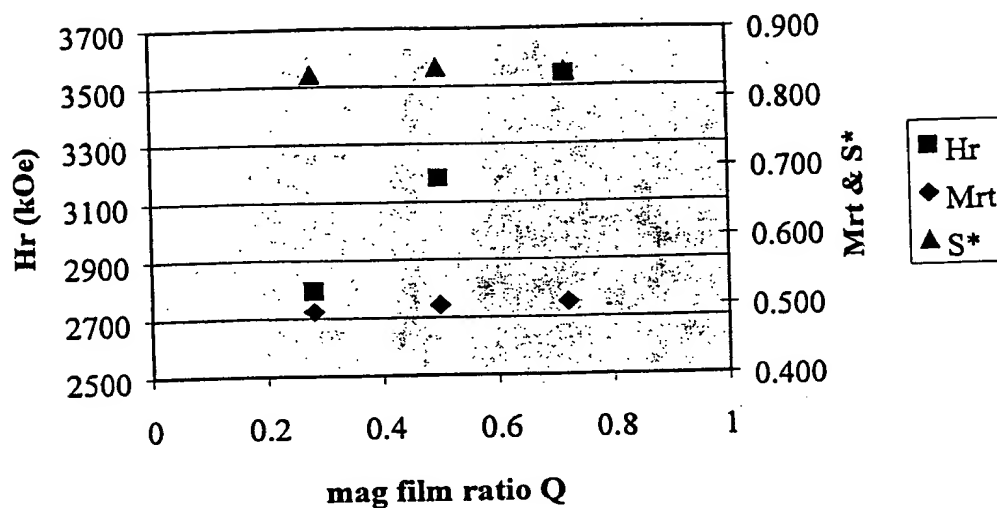


Figure 5. Effect of film fraction  $Q$  on  $H_r$ ,  $M_{rt}$  and  $S^*$  of a CoCrPtB/CoCrPtB multi-magnetic layer media.

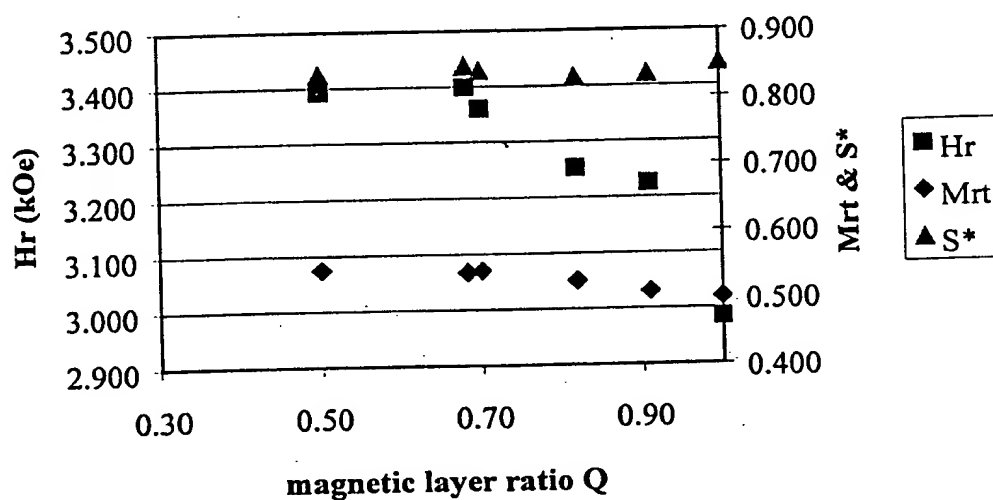


Figure 6. Effect of film fraction  $Q$  on  $H_r$ ,  $M_{rt}$  and  $S^*$  of a CoCrPtB/CoCrPtTa multi-magnetic layer media.

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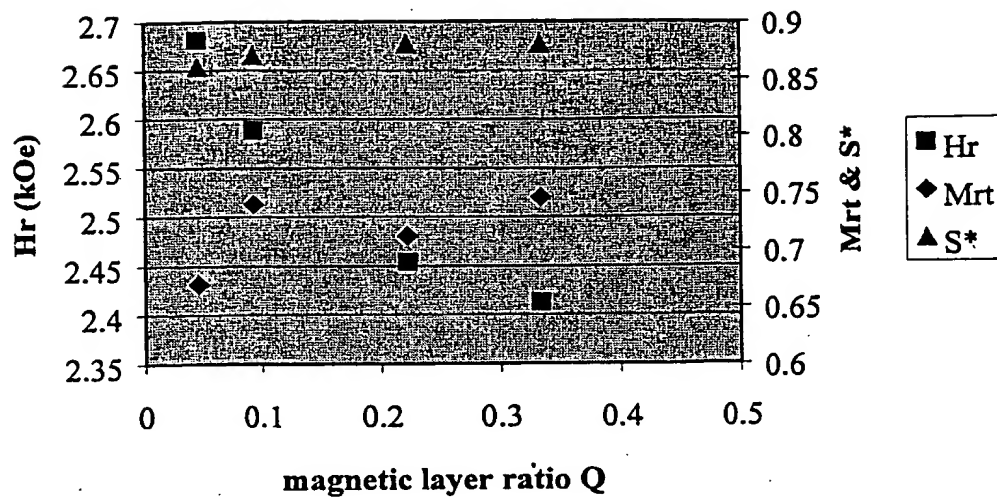


Figure 7. Effect of film fraction  $Q$  on  $H_r$ ,  $M_{rt}$  and  $S^*$  of a CoCrTaPt/CoCrTa multi-magnetic layer media.

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